

GW3

File No.

T. 11 N. R. 20 W.

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 30, 1950Owner Walter E. Polette Address Florence, Mont.

Contractor (if any)

Address of Contractor

Date Started July 15, 1950 Date Completed July 30, 1950

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Collection of natural spring

seep via ditch and porous underground pipe
(2 to 3 ft. deep), into sump tanks through
pipelines to sites of use at blgs, yard,
corrals and gardens.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

tent estimate approximate lengths of periods of use

Actual measurement 30 gal. per minute.

Made with 5 gal. pails at site of use at
outlet of pipe having 35 ft. vertical drop
from spring through pipeline.

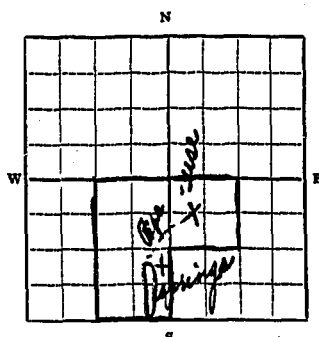
Signature of Owner Walter E. PoletteDate Dec. 26, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.



SW 1/4 Sec. 35 T. 11 R. 20

Indicate point of appropriation and place of use, if possible.

Place of use at X NW 1/4
Sec. 35 Twp 11 Rge 20

621

214980

Copy
I received and filed this instrument for
record on the 25 day of June 1965
at 10:30 o'clock A.M. permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEINER, County Recorder
By [Signature]
Fee \$ 1.00 Paid

File No.

T 11N R 20W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

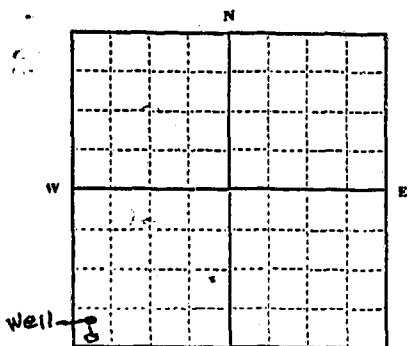
Declaration of Vested Groundwater Rights **RECEIVED** JAN 3 1964

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Joseph L. Shuffield, of Vintex Florence
(Name of Appropriator) (Address) (Town)

County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 35 T. 11 R. 20

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based for domestic
and irrigation purposes

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been February, 1960

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 15 miners inches

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
One acre- sandy loam- Joseph L.
Shuffield

6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater Feb. 1960

8. The depth of water table 3 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater driven pipe 3" in diameter to depth of
15 feet

10. The estimated amount of groundwater withdrawn each year 12,000,000

11. The log of formations encountered in the drilling of each well if available no known

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record none

Signature of Owner

Joseph L. Shuffield

Date Dec. 23, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for the Appropriator.

20407

1238

Copy

I received and filed this instrument for
record on the 31st day of Dec. 1963
at 1:28 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
By Marta S. Salinas County Recorder
Fee \$ 2.00 Deputy
Paid

File No. _____

T. 11 R. 20

DUPLICATE

County Missoula

LOG

MONTANA WATER RESOURCES BOARD

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level) 428 1 1980

RECEIVED

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0 - 2 1/2 sandy loam

Owner Howard Zankner Address Florence MontanaDriller Harold K. Pickens Address 5804 So. Ave., Missoula

Date of Notice of appropriation of groundwater _____

Date well started 6/30/68 Date completed 6/30/68Type of well driven Equipment used cable tool
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

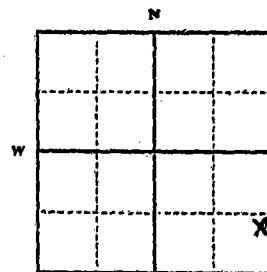
2 1/2 - 7 small gravel
& sand7 - 25 sand small gravel
& water

25 - 35 sand & water

35 - 37 red clay no water

37 - 42 gravel & water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind and Size	From (Feet)	To (Feet)
4 inch	4 in. I.D. 10.75 lbs per ft.	0	42	1 1/2" slots	41	37

Static Water Level for non-flowing well
6 1/2 ft from top of test.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 3 ft from top of testat 45 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested compressorLength of Test 4 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

22 1/4 Sec. 35 T. 11 R. 20
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

42 ft from top of ground

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Harold K. Pickens
Driller's Signature.

45,080

1866

279848

I received and filed this instrument for
record on the 27 day of Mar. 1967
at 9:00 o'clock A.M., permann, files
of Missoula County, State of Montana
Witness my hand:
Vernon R. Crouse, County Recorder
By Paul H. Smith, Deputy
Fee \$ 2.00 Paid

CD - 13 reg op2 no 4141

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

APR 7 1971

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner RAYMOND C. GIESE

Address R#1
FLORENCE, MONT. 59433

Date well started 1 JUNE 1970
completed 1 JUNE 1970

For Administrator's Use	
File	<u>301063</u> <u>April 2, 1971</u> <u>8:05 PM</u>
GW 1	

Type of well DRIVEN

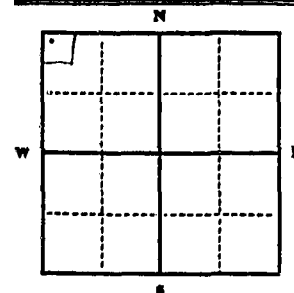
Equipment used CRANE AND WEIGHT
(Dug, driven, bored or drilled)
(Churn/drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

*Describe _____
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). 10 ACRE TRACT

ESTIMATED ANNUAL WITHDRAWAL AVERAGE HOME & GARDEN USE

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	<u>6"</u>		<u>46</u>			



Static water level 10 ft.*
Pumping water level 42 ft.*
at 60 gallons per minute,
measured _____ minutes after pumping
began.
*Measured from ground level.
Well developed by _____
for _____ hours.
Power 220 Pump 1 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) _____

S.W. 1/4 _____ 1/4 Sec. 36
T. 11 N. 20 E. W1/4

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature _____

Driller's Address _____

LICENSE NO. _____

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
<u>0</u>	<u>1</u>	<u>Soil</u>
<u>1</u>	<u>46</u>	<u>Sand, gravel</u>
		<u>DRIVEN</u>

46 feet Show exact depth of bottom

48312

2107

301063

I received and filed this instrument for
record on the 2nd day of April 1971
at 3:05 o'clock P.M. permanent file
of Missoula County State of Montana
Witness my hand
Vernice A. Moore, County Recorder
By M. McLaughlin Deputy
Fee \$ 2.00 Paid h.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED

DRILLER'S LOG

APR 7 1971

**NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Raymond C. Giese

Address R#1
Florence, Mont. 59833

Date well started 1 JUNE 1970
completed 1 JUNE 1970

Type of well DRIVEN

Equipment used CRANE AND WEIGHT

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

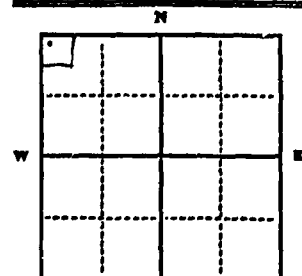
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). 10 ACRE TRACT

ESTIMATED ANNUAL WITHDRAWAL AVERAGE HOME & GARDEN USE

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
	6"		46	Kind Size	From (Feet)	To (Feet)



Static water level 10 ft.*
Pumping water level 42 ft.*
at 6.0 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.
Well developed by
for hours.
Power 22.0 Pump 1 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

S.W. 1/4 1/4 Sec. 36
T. 11 N. 20 E. W1/2
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Raymond C. Giese
Driller's Address R#1 Florence Mont. 59833

LICENSE NO.

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
0	1	Soil
1	46	Sand, gravel
		DRIVEN

46 feet Show exact depth of bottom

48312

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

For Administrator's Use

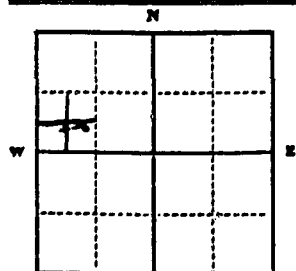
File 334057-2531

June 27, 1920

GW 1 1:20 p.m.

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17 1/2 / ft.	0	42	3/16 x 5	32	42



.....

S E 1/4 34 1/4 1600 36
T. 11 N R. 20 E

LICENSE NO. 200

[illegible]

42 Show exact depth of bottom

54670

531

334052

I received and filed this instrument for
record on the 27 day of June 1973
at 1:20 o'clock P. M., permanent files
of Missoula County, State of Montana
Witness my hand:
Dorothy L. Head, County Recorder
By Mary Schell, Deputy
Fee \$ 2.00 Paid

1973 JUN 27 PM 1:20
RECORDED
INDEXED
FILED

GW3

File No. _____

DUPLICATE

T 11^N R 20^W 36

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Aug 1948

Owner Hug. L. D. Moore Address Florence Mont

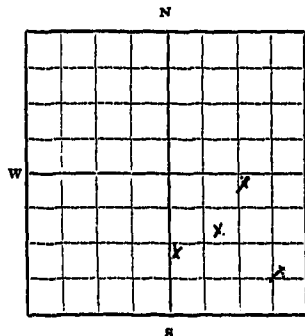
Contractor (if any) M. E. Const Co

Address of Contractor Missoula Mont

Date Started Aug 1948 Date Completed Aug 1948

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Sumps dug with

Drag line, about 20' x 40'
12' to 15' deep -



SW 1/4 Sec 36 T. 11. R. 20

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

used during growing season
April to Sept Sprinkler system
using up to 40 heads
about 300 M. inches

Signature of Owner Hugh L. Moore

Date Apr. 28, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

20447

1327

7

I received and filed this instrument for
record on the 2 day of June 1964
at 8:25 o'clock A.M. permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN G. PHINNEY, County Recorder
By *[Signature]* Deputy
Fee \$ *[Signature]* Paid

CV

36

File No. _____

T. 11 N. R. 20 W.

DUPLICATE

County _____

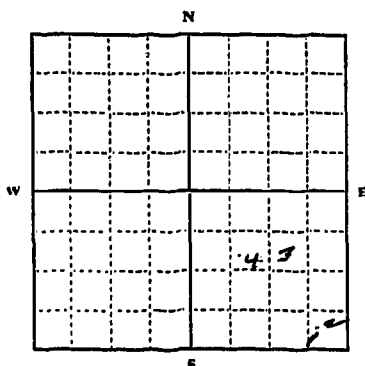
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

REC'D
JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Hugh D Moore, of FLORENCE MONT.
(Name of Appropriator) (Address) (Town)
County of Missoula State of MONT.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 36 T. 11. R. 20

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic
Lawn & Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
Continuous since
March 1943

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal min

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

Flat app

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 x 2
Electric pump - 3 x 4 Hand pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 3 x 4 - 1943 - 1 x 2 - 1947

8. The depth of water table 5 to 15 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1 x 2 - 3" casing about 25' deep
3 x 4 2" sand points 15 ft deep

10. The estimated amount of groundwater withdrawn each year 200,000 gal

11. The log of formations encountered in the drilling of each well if available top soil & silt
fine to six feet in depth, then medium gravel

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Hugh D Moore

Date Dec 29, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

20446

1324

3

copy

I received and filed this instrument for
record on the 1st day of January 1907
at 2:04 o'clock P.M. pursuant to law
of Minnule County, State of Montana
Witness my hand:
MARTIN S. BEINER, County Recorder
By John P. Beiner Deputy
Fee \$ 1.00 Paid

RECEIVED
COUNTY CLERK
MINNULE COUNTY
JAN 10 1907

RECORDED

File No. _____

T. 11 N. R. 20 W. 36

DUPLICATE

County. Missoula

LOG

MONTANA WATER RESOURCES
RECEIVED
MAY 30 1968

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level) _____

Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1963

(Under Chapter 237, Montana Session Laws, 1961)

0 - 2 1/2 sandy loam

Owner. Jerry Glass Address. Florence, Montana

Driller. Harold K. Pickens Address. 3684 So. Ave. Missoula

Date of Notice of appropriation of groundwater _____

Date well started. 8/29/68 Date completed. 9/30/68

Type of well. Driven Equipment used. cable tool
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

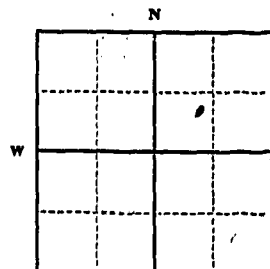
25 - 35 sand & water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
4 inch	4 in. I.D. 10.75 lbs per ft.	0	52	Kind Size 1 1/2 x 1/2 slate	From (Feet) 51	To (Feet) 47

35 - 55 red clay no water

35 - 45 sand & water

45 - 55 gravel & water

Static Water Level for non-flowing well
52 ft from top of well

Shut-in Pressure for Flowing Well _____

Pumping Water Level. 5 ft from top of well
at 50 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested. compressor

Length of Test. 5 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

E 1/2, NE 1/4, SW 1/4, NW 1/4 Sec. 36 T. 11 N. R. 20 W. 36

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

71

Driller's License Number

Harold K. Pickens
Driller's Signature.

45,288

Show exact depth of bottom.

52 ft. from top of ground

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

1893

281573

I received and filed this instrument for
record on the 27 day of May 1969
at 11:20 o'clock A.M., permanent files
of Missoula County, State of Montana
Witness my hand:
Verdanne R. Crouse, County Recorder,
By Wm. J. Shalaby, Deputy
Fee \$ 2.50 Paid

GW 2

MONTANA WATER RESOURCES BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—45642

File No. _____

RECEIVED

T. 11N R. 20W 36

DUPLICATE

NOV 21 1969

County Missoula

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level _____)

Well # 2

Chief Looking Glass Fishing
AccessNotice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0-3
3-19

Sand

Decomposed Owner STATE FISH & GAME COMM. Address Helena, Montana

Granite, Gravel, CAMP WELL DRILLING & 1522 S. 14th W.

Sand & Water Driller RUEB SUPPLY Address Missoula, Montana

19-27

Decomposed Date of Notice of appropriation of groundwater _____

Granite, sand

& Water Date well started Oct. 6, 1969 Date completed Oct. 2, 1969

27-40 1/2

Sand & Water

Type of well Drilled Equipment used Churn Drill

40 1/2-41

Gravel & Water

(Dug, driven, bored or drilled)

(Churn drill, rotary or other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

41-54

Sand & Water

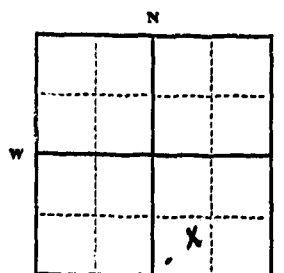
Industrial ☐ Drainage ☐ Other ☒ Camp Area

54-57 1/2

Gravel, Sand & Water

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" ID	6" I.D. 19 lb per ft.	14" above G.L.	57' 6"		none	



Static Water Level for non-flowing well

_____ 7 _____ feet.

Drawdown - 14' _____

Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ 21 _____ feet

at 100+ _____ gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Air CompressorLength of Test 2 1/2 hours

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff) _____

SE 1/4 Sec 36 T11N R20W
Indicate location of well and
place of use, if possible. Each
small square represents 40
acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state
number of acres and location or other data (i.e.: Lot, Block and Addi-
tion).Chief Looking Glass Campground
water supply

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the
County Clerk and Recorder in the county in which the well is located, tissue copy to be
retained by driller.Please answer all questions. If not applicable, so state, otherwise the form will be
returned.

License # 7

Driller's License Number

Glenn Camp
Driller's Signature. Camp Well
Drilling & Pump Supply

45891

1950

286498

Received and filed this instrument for
record at the County Clerk's Office
on 1:15 P.M. 1950
of Missouri County, State of Missouri.
Witness my hand and seal
Verlaine R. Graham, County Recorder
By *M. M. Conaway* Deputy
For \$1.50 Fee Paid

Given at St. Louis, Missouri, this 1st day of January, 1950.
Notary Public for Missouri
1950

GW 2

MONTANA WATER RESOURCES BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—45641

File No. _____

RECEIVED

T. 11N R 20W 30

DUPLICATE

NOV 21 1969

County Missoula

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Well # 1 located at Chief
Looking Glass Fishing Access

0-2 Sand

2-24 Decomposed Granite
Sand & Gravel24-45 Decomposed Granite
Sand, Gravel &
Water

45-48 Gravel & Water

Owner STATE FISH & GAME COM. Address Helena, MontanaDriller CAMP WELL DRILLING & PUMP SUPPLY Address 1522 S. 14th W.

Date of Notice of appropriation of groundwater.....

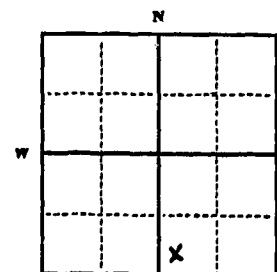
Date well started Oct. 4, 1969 Date completed Oct. 6, 1969Type of well Artesian Equipment used Churn drill, rotary or other

(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐Industrial ☐ Drainage ☐ Other ☒ Camp Area

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I. P.	6" I. D. 19 lb 4000 per ft. G. L.	14"	48'			



Static Water Level for non-flowing well

.....feet.

Static Water Level for Flowing Well.....feet.

Pumping Water Level.....feet

at.....gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Air CompressorLength of Test 1 hour

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff).....

SE 1/4 Sec 36 T11N R20W

Indicate location of well and
place of use, if possible. Each
small square represents 40
acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state
number of acres and location or other data (i.e.: Lot, Block and Addi-
tion).

Camp ground water Supply

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the
County Clerk and Recorder in the county in which the well is located, tissue copy to be
retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be
returned.

License # 7
Driller's License Number

Glenn Camp
Driller's Signature. CAMP WELL
DRILLING & PUMP SUPPLY

45890

1951 286479

I received and filed this instrument for
record on the 17 day of March 1961
at 1:20 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
Vermon R. Crouse, County Recorder
By Joe L. Crouse Deputy
Fee \$ 2.00 Paid 0

County.....Missou.

**STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD**

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner John A. VanAken

Address Route 1, Box 58

Florence, Montana

Date well started 6-23-73

completed 6-24-73

Type of wellDriven.

(Dug, driven, bored or drilled)

Equipment used Bottom Driver - Tripod

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☒

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). 10 Acres. 1/4 Sec. 36 T11 R20 W

ESTIMATED ANNUAL WITHDRAWAL 100,000 gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	5 1/2"x5/16"	0'	21'	Open Bottom	21	21

Static water level2.....ft.*
Pumping water level6.....ft.*
at ...100.....gallons per minute,
measured .60..minutes after pumping
began.

*Measured from ground level.
Well developed by Compressor
for 3 hours.

Power Gas Pump 1 1/2 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

...NM ¼ ...NM ¼ Sec. 35.....
T. 11.....(N) R. 20.....EX
 EX (W)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature John A. Van Allen

Driller's Address Route 1, Box 98

Florence, Montana 59833 LICENSE NO. **None**

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level) **3150'**

[illegible]

21' Show exact depth of bottom

54479

2536

334079

I received and filed this instrument for
record on the 28 day of June 1923
at 12 o'clock A. M., permanent files
of Missoula County, State of Montana
Witness my hand:
Dorothy L. Head, County Recorder
By [Signature] Deputy
Fee \$ 2.00 Paid [Signature]

C-1211

100-650-291

100-650-291

100-650-291

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner **John A. VanAken**

Address **Route 1, Box 38**

Florence, Montana

Date well started **5-13-67**

completed 5-13-67

Type of well **Driven**

Equipment used **Tripod - Driver** (Dug, driven, bored or drilled)

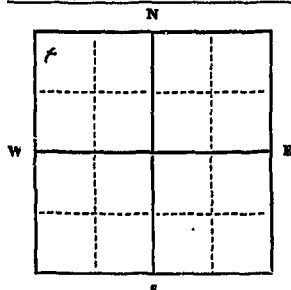
Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

***Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 40,000 gals.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	4 1/2" x 1/4"	1' UP	40'	1/2" drilled	30'	40'



Static water level 10 ft.*
Pumping water level 15 ft.*
at 100 gallons per minute,
measured 90 minutes after pumping
began.

*Measured from ground level.
Well developed by Compressor
for 2 hours.

Power Electric Pump 3/4 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) _____

NW NW 36
T. 77 1/4 Sec 20
R. 20 E
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature John A. Van Allen

Driller's Address Route 1, Box 98, Florence

Montana 59833

LICENSE NO. **None**

County.....**Missoula**

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level) 3150'

[illegible]

40' Show exact depth of bottom

54478

2537

334080

I received and filed this Instrument for
 record on the 28th day of June 1973
 at 8:04 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Dorothy L. Head, County Recorder
 By M. M. Campbell Deputy
 Fee \$ 2.00 Paid cash

George J. Brown
 John A. Hamilton

Reference: none

2-13-73

2-13-73

Driver

Jacob - Driver

EXAMINED AND FILED

40,000 0012

FILED	INDEXED	SERIALIZED	FILED
JUN 28 1973	JUN 28 1973	JUN 28 1973	JUN 28 1973
MISSOULA	MISSOULA	MISSOULA	MISSOULA

50 40 Conto gravel
 10 80 Fine sand-gravel
 5 10 Gravel, sand, silt & clay
 0 5 silt & clay

MISSOULA

File No. _____

T 11 N R 20 W MPM

DUPLICATE

County MISSOULA

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

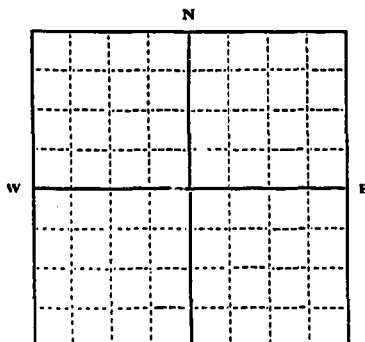
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Eddie R. Williams, of Flanagan Montana
(Name of Appropriator) (Address) (Town)
County of MISSOULA State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 36 T. 11 N. R. 20 W MPM

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based. for use of house held, watering live stock & irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. about May 1960 and cont. from then
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 18 gallons per minute (about)
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. for lawn, flowers and garden about 2 acres
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric pump on a driven well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. May 1960 Construction time not known
8. The depth of water table. NOT Known
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Depth about 22 FT 1 1/2 inch pipe with sand pack
10. The estimated amount of groundwater withdrawn each year. 1,500,000
11. The log of formations encountered in the drilling of each well if available. assuming mostly top soil for about 2 ft and then as I can tell sand & gravel the rest of the way
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. I am buying this 10 acres on contract from home & property owner

Signature of Owner

Eddie R. WilliamsDate December 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

15227

625

214984

Copy

I received and filed this instrument for
record on the 27 day of Aug 1965
at 1:00 o'clock P.M., permanent
of Missoula County, State of Montana
Witness my hand:
MASTIN S. BEHNER, County Recorder
By [Signature] Deputy
Fee \$ 2.00 Paid

MISSOULA COUNTY, MONTANA
RECORDS & CLERK
MISSOULA, MONTANA
JUL 27 1965
MASTIN S. BEHNER, County Recorder
By [Signature] Deputy
Fee \$ 2.00 Paid

53,767

I received and filed this instrument for record on the 22nd day of June 1973 at 5:00 o'clock H M. permanent files of Missoula County, State of Montana

Witness my hand:

Dorothy L. Head, County Recorder

By M. M. Conroy, Deputy

Fee \$ 2.00 Paid 2.00

GROUNDWATER INDEX

Page of

County Missoula Twp. 11 North Rge. 19 West

[illegible]

File No. _____

T. 11 2 R. 19 W

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 2 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

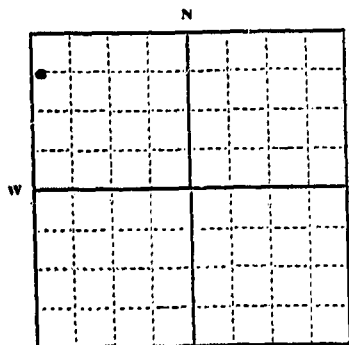
Date of Appropriation of Groundwater 12-31-63Owner Oliver R. Wadsworth Address P.O. Box 3 Miller Creek, Mont.

Contractor (if any) _____

Address of Contractor _____

Date Started 6-15-48 Date Completed 9-1-50

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Collecting Spring Water in Pond Piping to Field



N.W. 1/4 Sec. 1 T. 11. R. 19.

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use _____

5 Meters Inch Flow of Pipe, Constant Use.

Signature of Owner Oliver R. WadsworthDate 12-31-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

976

215450

I received and filed this instrument for
record on the 21st day of Dec 1967
at 1:00 o'clock P.M. permanent time
of Missoula County, State of Montana
Witness my hand
M. J. S. S. County Recorder
By Mark A. Kelly Deputy
Fee \$ Paid

GW3

File No. _____

DUPLICATE

T. 11 R. 19
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-30-63

Owner Oliver R. Whitfield Address Rt. 3 Miller Creek Mtn

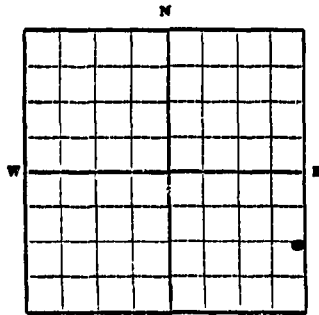
Contractor (if any) _____

Address of Contractor _____

Date Started Unknown Date Completed 12-7-59

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Collecting Spring Water

in Road & Piping to Home



S.E. 1/4 Sec. 1 T. 11 R. 19
Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use _____

3 Miners Inch Flow of Pipe Constant Use

Signature of Owner Oliver R. Whitfield

Date 12-30-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

19963

763

215171

copy

I received and had this instrument for
record on the 20 day of Dec 1968
at 1:00 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. DEHNER, County Recorder
By [Signature] Deputy
Fee \$ 2.00 Paid

GW3

File No. _____

DUPLICATE

T. 11 N 19 W 2
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1968
STATE ENGINEER

Notice of Completion of Groundwater Appropriation ~~Without Well~~

(Under Chapter 237 Montana Session Laws, 1961)

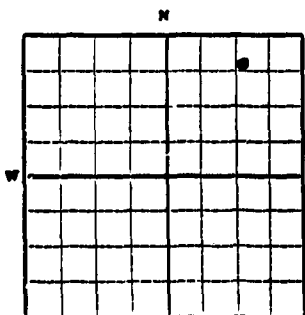
Date of Appropriation of Groundwater 12-30-63

Owner Chris R. Waldhildig Address Rt. 3 Miller Creek Mo. la

Contractor (if any) _____

Address of Contractor _____

Date Started 5-30-68 Date Completed 8-5-68



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Collecting Spring Water in Pond + Piping to Home.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

NE 1/4 NE 1/4 Sec 2 T. 11. R. 19.
Indicate point of appropriation and place of use, if possible.

5 Mins. Each Flow of Pipe Constant Use.

Signature of Owner Chris R. Waldhildig

Date 12-30-68

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

761

215169

Copy

I received and this instrument for	
record on the	30 day of Dec 1963
at 1:51 o'clock P.M.	permanent files
of Missoula County, State of Montana	
Witness my hand:	
MARTIN S. BEHNER, County Recorder	
By	<i>Martin S. Behner</i> Deputy
Fee \$	2.00 Paid

GW 3

File No.

DUPLICATE

T. 112 R. 19 W. 2

County.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

Notice of Completion of Groundwater Appropriation ~~Without Well~~

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-30-63

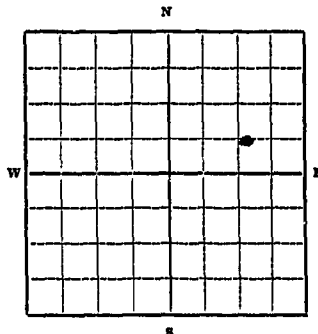
Owner Oliver P. Wahlberg Address Rt. 3 Miller Creek Mo. 6

Contractor (if any)

Address of Contractor

Date Started 5-30-58 Date Completed 8-5-58

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Collection of Spring Water in Pond + Piping to Field



SF. 1/4 Sec 2 T. 11 R. 19
Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

5 Miners Inch Flow of Pipe Constant Use

Signature of Owner Oliver P. Wahlberg

Date 12-30-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

765

215172

Copy

I received and filed this instrument for record on the <u>20</u> day of <u>Dec</u> 19 <u>68</u> at <u>2:04</u> o'clock <u>P.</u> M., permanent files of Missoula County, State of Montana	
Witness my hand: MARTIN S. <u>EMMER</u> County Recorder	
By <u>Martin S. EMMER</u>	Deputy
Fee \$ <u>2.00</u>	Paid

CW 3

File No. _____

DUPLICATE

T. 11 R. 19 ²
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-30-63

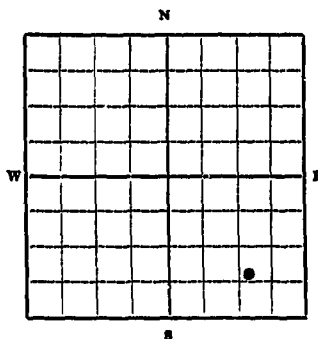
Owner Oliver R. Waldbillig Address Rt. 3 Miller Creek - Mo. Co.

Contractor (if any) _____

Address of Contractor _____

Date Started 6-15-48 Date Completed 9-1-50

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Collecting Spring Water
Ditching to Fields



SE 1/4 Sec. 2 T. 11 R. 19
Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

5 Miners Inch Flow of Flume
Constant Use

Signature of Owner Oliver R. Waldbillig

Date 12-30-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

19960

760

215168

Copy

I received and filed this instrument for	
record on the	76 day of Dec 1968
at 1:52 o'clock P.M., permanent files	
of Blaine County, State of Montana	
Witness my hand:	
MARTIN S. REHNER, County Recorder	
By	<i>M. S. Rehner</i>
Fee \$ 2.00	Paid

File No......

DUPLICATE

T. 11N R. 19W
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

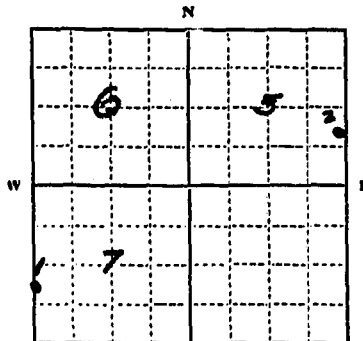
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. 85. T DAVID J. MACLAY, of ~~SEE~~ LOLA, MONT.
(Name of Appropriator) (Address) (Town)

County of 17153001A State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....1/4.....500.....TIN R.....

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based.....*IRRIGATION*
& domestic.

8. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1905 for No. 2
1984 " No. 1
Used intermittently

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute For Not
20 gallons per minute For Not.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
 4 ACR. + 9 ACR. 08 IN APPROX. 2 ACRE 5.10 AC.
 2 ACR. 4 IN

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawing water from the ground are as follows:

Pressure pumps:
 ACT. NO. 1 in NE¹/₄ SE¹/₄ NE¹/₄ SEC. 5, T. 11 N., R. 19 W. 40M -

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Nov 1944 Nov 1945

8. The depth of water table.....

9. So far as it may be available, the type, size and depth of each well, and the general specifications of any other works for the withdrawal of groundwater.

Not dug well. 6 deep.

10. The estimated amount of groundwater withdrawn each year.....

11. The log of formations encountered in the drilling of each well if available.....

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record..... 16 - 11114

Signature of Owner [Signature]

Date Nov. 31 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

20318

1199

Copy

Recd.	at 719 31st p Dec. 63
of his Honor the Mayor of the City of New York	
Witness my hand and seal this 31st day of December 1863	
By	Mayor S. B. McKim Deputy
Fee \$2.00	Paid

11/11/63

11/11/63

11/11/63

11/11/63

11/11/63

11/11/63

11/11/63

11/11/63

11/11/63

11/11/63

11/11/63

11/11/63

11/11/63

11/11/63

GW3

File No. _____

DUPLICATE

T. 11 N R. 19 W

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 6 1962

Notice of Completion of Groundwater Appropriation Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 15, 1953

Owner John M. Schroeder Address Libo, Montana

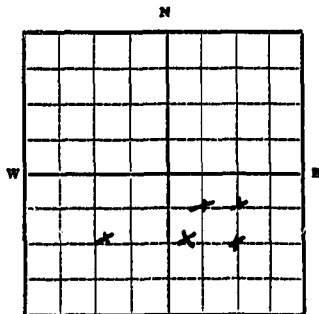
Contractor (if any) does not apply

Address of Contractor does not apply

Date Started June 15 Date Completed June 20, 1953

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

does not apply



SE 1/4 Sec. 8 T. 11 N R. 19 W

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Stock water

Signature of Owner John M. Schroeder

Date April 4, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

#115

copy

191651

I received and filed this instrument for
record on the 4th day of April, 1916
at 10:30 o'clock A.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By Charles Stahl Deputy
Fee \$ 2.00 Paid

CWS

File No.

DUPLICATE

T. 11 R. 19

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-30-63

Owner Oliver R. Waldbillig Address 273 Miller Creek, Msk

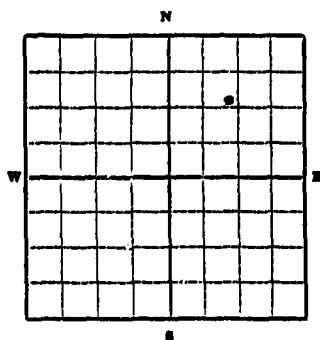
Contractor (if any)

Address of Contractor

Date Started Unknown Date Completed 12-7-63

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Collecting Spring Water

Ditching to Pasture



N.W. 1/4 Sec. 12, T. 11, R. 19
Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

5 Miners Inch Flow at Time
Constant Use

Signature of Owner Oliver R. Waldbillig

Date 12-30-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

763

215-170

Copy

I received and filed this instrument for record on the <u>7th</u> day of <u>Dec</u> 196 <u>8</u> at <u>2:00</u> o'clock <u>P</u> .M., permanent files of Missoula County, State of Montana Witness my hand: MARTIN J. BRINER, County Recorder By <u>Walter J. Briner</u> Fee <u>\$2.00</u> Paid

File No. _____

T 11 N R 19 W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 4-18-72Owner Robert J. Underwood, Rt 5, Miller Creek

Contractor (if any) _____

Address of Contractor _____

Date Started 4-18-72 Date Completed 4-18-72

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

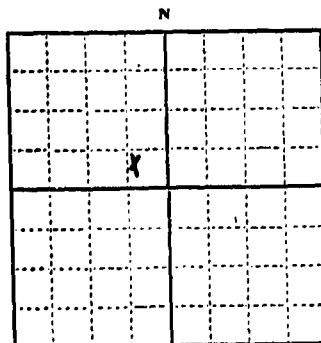
~~3 inch pipe flow~~

~~12 mas.~~
Natural Spring

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

3 inch pipe flow
12 mas.

Signature of Owner [Signature]Date 4-18-72

NW 1/4 of Sec. 18, T11N, R19W

Indicate point of appropriation
 and place of use, if possible.

Doc. No. #2264, 315322
 Filed for record
 this 18th day of April
 A. D. 19 72, at 2:00
 o'clock P M.

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

#2264 315399
I received and filed this instrument for
record on the 18 day of Apr 19 29
at 2:09 P.M. in Room 10
of Missoula County State of Montana
Witness my hand
Garland A. Groves County Recorder
By Marion H. Groves Deputy
Fee \$2.00 Cash Paid

MISSOULA COUNTY RECORDS

MISSOULA COUNTY RECORDS
MISSOULA, MONTANA
RECORDED
APR 19 1929

File No.

T. R.

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 4-18-72

Owner Robert H. Underwood Address Rt 5, Teller Creek

Contractor (if any)

Address of Contractor

Date Started 4-18-72 Date Completed 4-18-72

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes" Include depth to water when applicable. How developed?

Handwritten notes

Handwritten notes

Handwritten notes

Natural spring
Reservoir formed & piped to use

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.....

3 inch pipe line

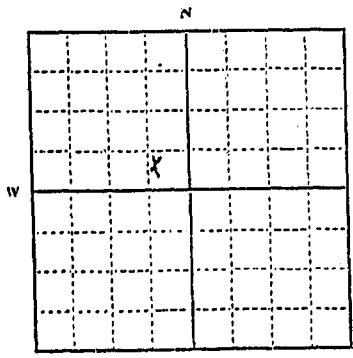
121205

Gallons Per minute claimed?

USE 4 Minors fishes. Domestic & irrigation

Signature of Owner [Signature]

Date 4-18-72



NW 1/4 Sec. 12 T. 14 N. R. 14 W.

Indicate point of appropriation and place of use, if possible.

#2264, 315399

FILED TO April

FILED 18th

A. D. 19 72

C. C. P.

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

RECEIVED

JUL 5 1972

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

50,234

GW3

File No. _____

DUPLICATE

T. 11^N R. 19^W

18

County MissoulaRECEIVED
APR 6 1962

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

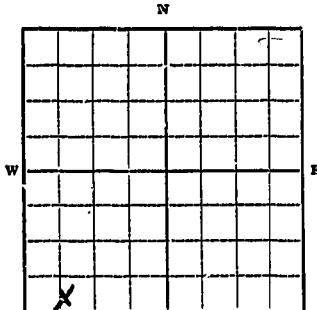
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 15, 1953Owner John M. Schroeder Address Lolo, MontanaContractor (if any) does not applyAddress of Contractor does not applyDate Started June 15 Date Completed June 20, 1953

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

NOT applicableNW 1/4 Sec 18 T 11 R 19

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Stock waterSignature of Owner John M. SchroederDate April 4, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

#116

copy

191654

I received and filed this instrument for
record on the 4th day of April 1962
at 10:40 o'clock A.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By Arden Stoll Deputy
Fee \$ 1.00 Paid

File No.

T. 11 N R. 19 W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

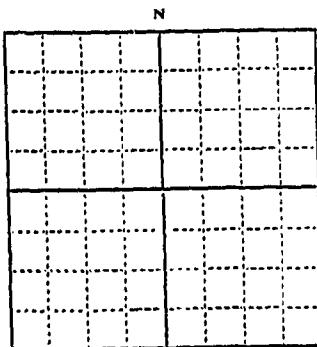
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 50-60 YRS. AGOOwner Walter F. Sully Address IdahoContractor (if any) noneAddress of Contractor NONEDate Started NATURAL SPRINGS Date Completed NONE

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Springs and Woodchuck CreekSurface Water

Indicate point of appropriation and place of use, if possible.

1/4 Sec 26 & 35 T. 11 R. 19

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

Irrigation and stock water

Signature of Owner.....

Date December 27, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

136

214 996

Copy

I received and filed this instrument for
record on the 27 day of Dec 1968
at 1:49 o'clock P.M., permanent files
of Milwaukee County, State of Montana
Witness my hand:
MARTIN S. BRINER, County Recorder
By Marta D. Briner Deputy
Fee \$ 2.00 Paid

RECEIVED

Missoula 31
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

JUL 27 1972

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner James Doyle
Address NE of Florence
Florence, Montana
Date well started 5/10/72
completed 5/13/72

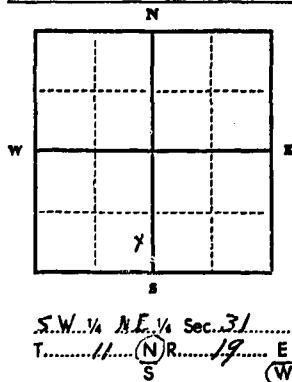
For Administrator's Use	
File #	<u>#2309, 3/9722</u>
Date	<u>July 24, 1972 2:30pm</u>
GW 1	

Type of well Drilled
(Dug, driven, bored or drilled)
Equipment used Churn
(Churn drill, rotary or other)
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe _____
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). _____

ESTIMATED ANNUAL WITHDRAWAL 15 gallons per minute

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 inch	17 lbs. per ft.	0	130	3/16x5	120	130



Static water level 115 ft.*
Pumping water level 125 ft.*
at 15 gallons per minute,
measured 60 minutes after pumping
began.
*Measured from ground level.
Well developed by bailing
for four hours.
Power _____ Pump _____ HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) _____

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Charles Westlake Jr.
Driller's Address Box 27 Victor, Montana 59875

LICENSE NO. 200

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	3	Topsoil
3	12	Tight Packed Gravel
12	19	Bentonite
19	40	Sand and gravel
40	65	Clay light and dark gray
65	85	Sand and Gravel
85	90	Clay tan in color
90	130	Gravel and Sand Water bearing
130	137	Not cased (gray clay)

137 ft. Show exact depth of bottom

51,025

319797

THE UNIVERSITY OF CHICAGO

File No. _____

T. 11 N R. 19 W. 35

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1951)

Date of Appropriation of Groundwater 50-60 YRS. AGO

Owner Walter F. Sully Address Flourno

Contractor (if any) none

Address of Contractor NONE

Date Started NATURAL SPRINGS Date Completed NONE

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Springs and Woodchuck Creek

Surface Water

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

Irrigation and stock water

Signature of Owner _____

Date December 27, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

136

214 996

Copy

I received and filed this instrument for
record on the 27 day of Dec 1968
at 1:48 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By Martin S. Behner Deputy
Fee \$ 2.00 Paid

Page of

County MISSOULA Twp. 11 NORTH Rge. 18 WEST

[illegible]

⑦

File No. _____

T 11N R 18W

DUPLICATE

County Missoula

**STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER**

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 4-18-72
 Owner Robert H. Anderson Address Rt 5, Miller Creek

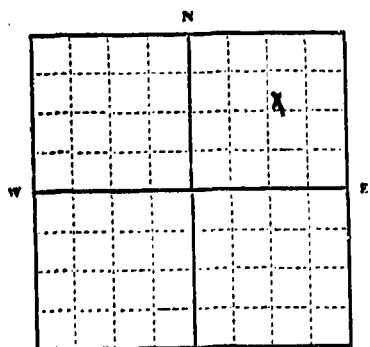
Contractor (if any) _____

Address of Contractor _____

Date Started 4-18-72 Date Completed 4-18-72

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Natural spring



N.E. 1/4 Sec. 7 T.11N. R.18W.
 Indicate point of appropriation
 and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

See in paper flow
12 mos.

Doc. No. #2263, 365398
 Filed for record
 this 18th day of April
 A. D. 19 72, at 2:00
 o'clock P. M.

Signatures of Owner [Signature]

Date 4-18-72

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

50,235